

ABSTRACT OF THE DISCLOSURE

To provide a liquid crystal panel employing a circuit layout that makes it possible to obtain a small size liquid crystal panel when the area a source driver occupies is large. A liquid crystal display device of the present invention comprises: a pixel portion including $m \times n$ pixels (m and n are both natural numbers and satisfy the relation $m < n$), the pixels each having a TFT; a gate driver for feeding n gate signal lines with selection signals; a source driver for feeding m source signal lines with video data; and a video data converter circuit, and is characterized in that the video data converter circuit converts first video data (h, k) ($h = 1 \sim m, k = 1 \sim n$) into second video data, and in that the video data (h, k) constituting the first video data is converted into $\{m(k - 1) + h\}$ -th video data that constitutes the second video data.